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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/825,178	04/03/2001	Naoki Oguchi	FUJY 18.546	1676

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EXAMINER

BRUCKART, BENJAMIN R

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/825,178

Applicant(s)

OGUCHI, NAOKI

Examiner

Benjamin R Bruckart

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 20010524.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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Detailed Action

Claims 1-3 are pending in this Office Action.

Information Disclosure Statement

The information disclosure statement filed on 5/24/2001 has been considered.

Foreign Priority

Receipt is acknowledged of papers submitted on 5/25/2001 under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file. Attention is directed to the fact that the date for which foreign priority is claimed is not the date of the filed application acknowledged in the oath or declaration. The priority date of 4/4/2000 is given priority.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,825,772 by Dobbins et al.

Regarding claim 1, a communication data relay system (Dobbins: col. 8, lines 53-56; vlan switch) for relaying between two or more domains each configured by one or more networks (Dobbins: col. 8, lines 38-45; Figure 1; col. 6, lines 35-46), a relay source domain having routing information to a relay destination domain (Dobbins: col. 8, lines 59-63; destination address), comprising:

- two or more interface modules for accessing said network (Dobbins: col. 20, lines 28-41; Figure 18; input and output; parts of switch's module);

- a domain definition module for defining the domain configured by said one or more networks (Dobbins: col. 9, lines 52- col. 10, line 26; discovery of nodes and populating local directory);

- an inter-domain communication definition module for defining a communicability between the domains (Dobbins: col. 20, lines 42-65);

- a routing information storage module for storing pieces of routing information each indicating a relay destination of communication data in a way that separates the routing information for every domain (Dobbins: col. 3, lines 2-6; directory cache; col. 20, lines 28-41; database); and

- a relay control unit for controlling relay of the communication data (Dobbins: col. 20, lines 21-41; switch cpu or mib),

wherein said relay control unit controls the relay of the communication data with reference to said routing information storage module corresponding to the domain concerned in the case of a relay within said same domain (Dobbins: col. 2, lines 39- col. 3, lines 6), and judges a connectability for the relay in accordance with definitions in said inter-domain communication definition module in the case of a relay between the domains different from each other (Dobbins: col. 20, lines 42-61).

Regarding claim 2, a communication data relay system according to claim 1, further comprising a destination address search module for the relay destination domain (Dobbins: col. 3, lines 2-6; col. 8, lines 53-63),

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wherein if the relay source domain does not have routing information to the relay destination domain, said destination address search module searches a destination address to the relay destination domain in response to a request from a source communication device within the relay source domain (Dobbins: col. 3, lines 2-15), and notifies said source communication device of a relay address within the relay source domain that corresponds to the destination address (Dobbins: col. 3, lines 15-24), and

said relay control unit relays the communication data addressed to the relay address to the destination address in the relay destination domain (Dobbins: col. 12, lines 65- col. 13, line 3).

Regarding claim 3, a communication data relay system according to claim 1, further comprising a routing control information storage module to the domain to which a communication data processing device for processing the communication data is connected (Dobbins: col. 20, lines 28-42; database for look-up engine; col. 11, lines 14-19),

wherein said relay control unit, when controlling the relay of the communication data, causes said communication data processing device to process the communication data, and relays the thus processed communication data (Dobbins: col. 12, lines 65- col. 13, line 3).

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U. S. Patent No. 5,493,607 issued to Arumainayagam et al teaches connecting different domains with translation tables resolving destinations as a 102 reference.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin R Bruckart whose telephone number is (703) 305-0324 until 10/27/2004 and 571-272-3982 after. The examiner can normally be reached on 8:00-5:30 PM with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (703) 308-6662 until 10/27/2004 and 571-272-3978 after. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-0324 until 10/27/2004 and 571-272-3982 after.

Benjamin R Bruckart
Examiner
Art Unit 2155
brb
October 18, 2004

brb

Hosain Alam
HOSAIN ALAM
SUPERVISORY PATENT EXAMINER